

ABSTRACT

A process of manufacturing a roll punch used for forming the partition walls on the rear panel of a PDP is disclosed.

5 In the process of this invention, a forming roll is primarily coated with a mask on its external surface. The mask is, thereafter, partially removed from the forming roll, thus forming a plurality of regularly spaced mask-free parts on the forming roll. The forming roll is, thereafter, etched at the

10 mask-free parts using ultrasonic waves within an etching tank, and so a desired roll punch having partition wall forming grooves is produced. This manufacturing process enlarges the width of the lands between the forming grooves of the roll punch, thus allowing an easy arrangement of address electrodes

15 on the rear panel of a PDP. It is also possible to produce a desired highly precise roll punch by properly adjusting the intervals between the mask-free parts of the forming roll. The roll punch, produced through the process of this invention, preferably enlarges the area of the light emitting part of a

20 PDP.